

Quiz 5 Calc 3 11/2/2005

1. Evaluate $\int_2^{\infty} \frac{1}{x} dx$.

2. Evaluate $\int_0^{\infty} x \cdot e^{-x} dx$ [Hint: $\int x \cdot e^{-x} dx = -e^{-x} - x \cdot e^{-x} + C$].